

**Remarks/Arguments**

Claims 1-30 remain in this application. Claims 1-15 and 28-30 have been withdrawn.

The examiner has rejected claims 16-27 under 35 USC 102(e) as being anticipated by *Eckstein, et al.* (US Patent No. 6,925,701).

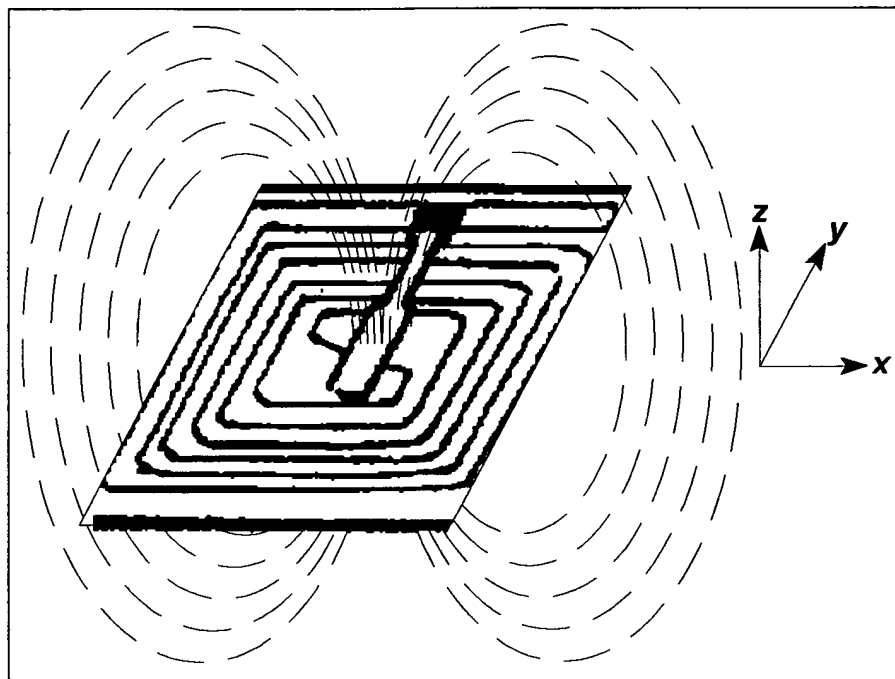
In view of these remarks, reconsideration of the above noted rejections and objections is respectfully requested.

**Rejections under 35 USC 102(e):**

Applicant respectfully traverses the rejection of **claims 16-27** under 35 USC 102(e) as being anticipated by *Eckstein, et al.* The independent claim under this rejection is **claim 16**. Independent **claim 16** has been amended above. Amended independent **claim 16** calls for:

conductor layers arranged substantially parallel to an **x-y plane** of the integrated circuit;  
...; and  
an inductor ... having magnetic flux lines through the conductor layers substantially **parallel to the x-y plane** of the integrated circuit ..., having first and second opposite ends, and having a substantially **straight length** between the first and second opposite ends.

Applicant respectfully submits that *Eckstein, et al.* does not teach or suggest these limitations. Instead, *Eckstein, et al.* discloses a spiral inductor 26, 126 in a resonant frequency tag 110, as shown in Figs. 1, 3 and 4. An exemplary portion of Fig. 4 is reproduced here to illustrate this point:



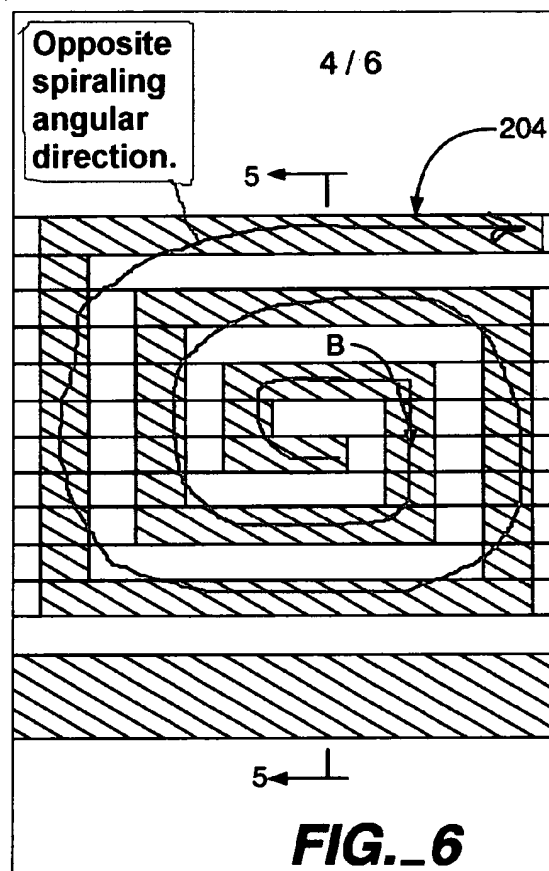
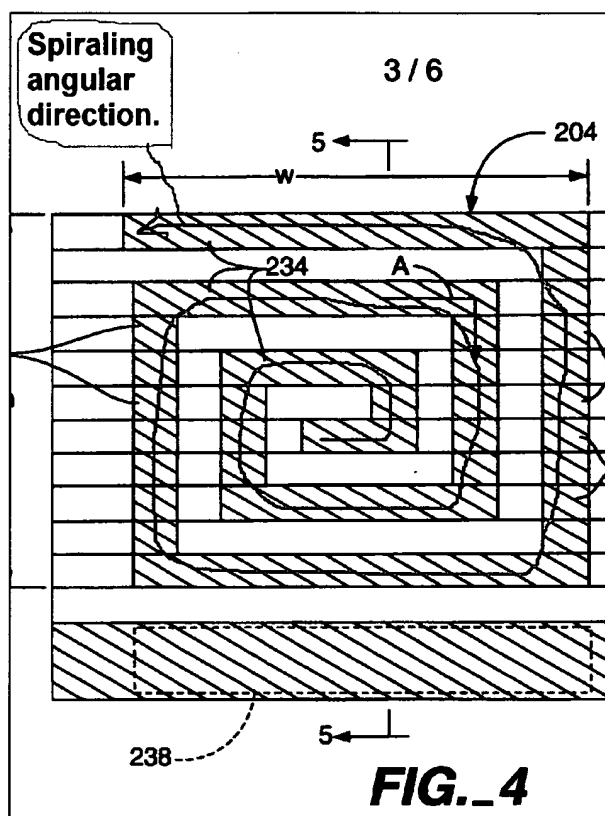
The inductor 26, 126 of *Eckstein, et al.* is similar to the prior art described with reference to Figs 1 and 2 of the present application. As is illustrated in the portion of Fig. 4 above, the magnetic flux lines of the inductor are **perpendicular**, rather than **parallel** (as called for in **claim 16**), to what would be the equivalent of the **x-y plane** of the IC. Additionally, the inductor 26, 126 has a **spiral shape**. **Claim 16**, on the other hand, calls for "a substantially **straight length** between the first and second opposite ends" of the inductor. Applicant respectfully submits, therefore, that independent **claim 16** as amended is not anticipated by, is not obvious in view of, and is patentable over *Eckstein, et al.* at least because the reference does not teach or fairly suggest an inductor having a substantially **straight length** between first and second opposite ends and that has magnetic flux lines substantially **parallel** to the **x-y plane** of the integrated circuit.

Likewise, since **claims 17-27** depend directly or indirectly from independent **claim 16**, Applicant respectfully submits that these claims are also not anticipated by, are not obvious in view of, and are patentable over *Eckstein, et al.* at least for the same reasons.

In addition to the above, dependent **claim 19** recites:

the **first segment** of the inductor has a coil-shape in a **first spiraling angular direction**; and  
the **second segment** of the inductor has a coil-shape in a **second spiraling angular direction**.

These limitations are supported in Figs. 4 and 6, relevant portions of which are reproduced here:



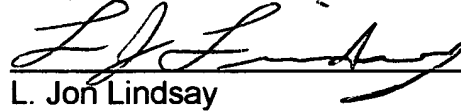
Applicant respectfully submits that *Eckstein, et al.* does not teach or suggest this limitation. Instead, the inductor 26, 126 of *Eckstein, et al.* does not have first and second segments, but has only **one segment**, as shown in Figs. 1, 3 and 4. Additionally, the inductor 26, 126 has only a **single** spiraling angular direction. Applicant respectfully submits, therefore, that dependent **claim 19** is not anticipated by, is not obvious in view of, and is patentable over *Eckstein, et al.* at least because the reference does not teach or fairly suggest an inductor having first and second segments with first and second spiraling angular directions.

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For the reasons specifically discussed above, and others, it is believed that **claims 16-27** define patentable subject matter. Reconsideration of the previous rejections as they might apply to these claims is therefore respectfully requested. Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

November 14, 2006  
Date

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "L. Jon Lindsay", is written over a horizontal line.

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